



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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Title of Invention	Symbolic model checking with dynamic model pruning						
Application Number:		10/666619					
Confirmation Number:		6808					
First Named Applicant:		Jin Yang					
Attorney Docket Number:		42P8534C					
Art Unit:		2825					
Examiner:		Annette Thompson					
Search string:		(5870509 or 6484134).pn.					
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5870509	1999-02-09	Kita et al.			
S.P.	2	6484134	2002-11-19	Hoskote			
Signature							
Examiner Name				Date			
<i>Sushin Pasikun</i>				3-6-06			

Substitute for Form 1449A/PTO (Modified)			Attorney Docket No.: 42P8534C		Application Number: Unassigned 10-666619	
Sheet 1 of 4			First Named Inventor: Jin Yang		Examiner: Unassigned	
			Filing Date: Herewith		Art Unit: Unassigned	

U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
S.P.		5,119,318		Paradies et al.	06/02/1992	
S.P.		5,481,717		Gaboury	01/02/1996	
S.P.		5,469,367		Puri et al	11-21-1995	
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S.P.		6,341,367		Downing	01/22/2002	
		B1				

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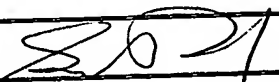
¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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		First Named Inventor: Jin Yang	Examiner: Unassigned
		Filing Date: Herewith	Art Unit: Unassigned

OTHER ART - NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
S.P.		BEREZIN, S. et al, "A Compositional Proof System for the Modal μ -Calculus and CCS," <i>Technical Report CMU-CS-97-105, Carnegie Mellon University, January 15, 1997</i>	
S.P.		BEREZIN, S. et al, "Model Checking Algorithms for the μ -Calculus," <i>Technical Report CMU-CS-96-180, Carnegie Mellon University, September 23, 1996</i>	
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S.P.		BURCH, J. R. et al, "Representing Circuits More Efficiently in Symbolic Model Checking," <i>28th ACM/IEEE Design Automation Conference, Paper 24.3, 1991, pages 403-407</i>	
S.P.		BURCH, J. R. et al, "Sequential Circuit Verification Using Symbolic Model Checking," <i>27th ACM/IEEE Design Automation Conference, Paper 3.2, 1990, pages 46-51</i>	
S.P.		BURCH, J. R. et al, "Symbolic Model Checking for Sequential Circuit Verification," <i>IEEE Transactions on Computer-Aided Design for Integrated Circuits and Systems, April 1994, pages 401-424</i>	
S.P.		CAMPOS, S., "Real-Time Symbolic Model Checking for Discrete Time Models," <i>Technical Report CMU-CS-94-146, Carnegie Mellon University, Pittsburgh, PA, May 2, 1994</i>	
S.P.		CAMPOS, S., "Symbolic Model Checking in Practice," <i>IEEE Proceedings, XII Symposium on Integrated Circuits and System Design, Oct 2, 1999, pages 98-101.</i>	
S.P.		CHAN, W. et al, "Combining Constraint Solving and Symbolic Model Checking for a Class of Systems with Non-linear Constraints, <i>Computer Aided Verification, 9th International Conference, CAV '97 Proceedings (O. Grumberg, Editor), Lecture Notes in Computer Science 1254, pages 316-327, Haifa, Israel, June 1997. Springer-Verlag (Revised in December '98)</i>	
S.P.		CHEN, Y. et al, "PBHD: An Efficient Graph Representation for Floating Point Circuit Verification," <i>Technical Report CMU-CS-97-134, Carnegie Mellon University, May 1997</i>	

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Sheet 3 of 4	First Named Inventor: Jin Yang	Examiner: Unassigned
	Filing Date: Herewith	Art Unit: Unassigned

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Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
SR		CHEUNG, S. et al, "Checking Safety Properties Using Compositional Reachability Analysis," <i>ACM Transactions on Software Engineering and Methodology</i> , Vol. 8, No. 1, January 1999, pages 49-78	
SR		CHIODO, M. et al, "Automatic Compositional Minimization in CTL Model Checking," <i>Proceedings of 1992 IEEE/ACM International Conference on Computer-Aided Design</i> , November, 1992, pages 172-178	
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SR		CLARKE, E. M. et al, "Formal Methods: State of the Art and Future Directions," <i>ACM Computing Surveys</i> , Vol. 28, No. 4, December 1996, pages 626-643	
SR		CLARKE, E. M. et al, "Model Checking and Abstraction," <i>Proceedings of the 19th ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages</i> , February 1992, pages 343-354	
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Sheet 4 of 4	First Named Inventor: Jin Yang	Examiner: Unassigned
	Filing Date: Herewith	Art Unit: Unassigned

OTHER ART - NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
S.P.		JAIN, A. et al, "Verifying Nondeterministic Implementations of Determinist Systems," <i>Lecture Notes in Computer Science, Formal Methods in Computer Aided-Design</i> , pp. 109-125, November 1996	
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S.P.		VELEV, M. N., "Efficient Modeling of Memory Arrays in Symbolic Simulations," <i>Proceedings of Computer-Aided Verification</i> , June 1997	
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